

## CLAIMS

1. A filter for use in a water heating vessel for filtering sedimentary material in the water, characterised in that the filter has a scale collector  
5 attached to its structure.
2. A filter for use in a water heating vessel according to Claim 1, characterised in that the scale collector is supported by a carrier member on a frame of the filter.
- 10 3. A filter for use in a water heating vessel according to Claim 2, characterised in that the carrier member is detachably mounted on the frame.
4. A filter for use in a water heating vessel according to claim 2,  
15 characterised in that the carrier member is permanently mounted on the frame.
5. A filter for use in a water heating vessel according to Claim 2, characterised in that the scale collector is removably mounted to the carrier member.
- 20 6. A filter for use in a water heating vessel according to Claim 3, characterised in that the carrier member is situated on a part of the frame away from water filtering mesh material supported by the frame.
- 25 7. A filter for use in a water heating vessel according to any one of the preceding claims, characterised in that the scale collector comprises a compacted mesh block.
- 30 8. A filter for use in a water heating vessel according to Claim 7 and Claim 3, characterised in that the carrier member has a part which extends through a bore in the block and the block is rotatable around that part.

9. A filter for use in a water heating vessel according to any one of the preceding claims, characterised in that the scale collector is carried on the structure towards an end thereof which in use in a water heating vessel is closest to the bottom of the vessel.

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10. A water heating vessel including a filter structure according to any one of Claims 1 to 9 removably mounted within the vessel and extending over a water outlet of the vessel.

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11. A water heating vessel according to Claim 10, characterised in that the water heating vessel comprises a kettle.

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